

INTERNATIONAL SEARCH REPORT

PCT/GB2004/005255

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G03H1/22 G03H1/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G03H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | EP 0 450 644 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 9 October 1991 (1991-10-09) | 1 |
| A | column 4, line 17 - column 6, line 54; figures 3a-3c | 8 |
| X | JUN AMAKO ET AL: "WAVE-FRONT CONTROL USING LIQUID-CRYSTAL DEVICES" APPLIED OPTICS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 32, no. 23, 10 August 1993 (1993-08-10), pages 4323-4329, XP000383336 ISSN: 0003-6935 page 4325, left-hand column; figures 1-3 | 9 |
| | ----- -/-- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

21 July 2005

Date of mailing of the international search report

03/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Noirard, P

INTERNATIONAL SEARCH REPORT

PCT/GB2004/005255

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | US 5 914 802 A (STAPPAERTS ET AL) 22 June 1999 (1999-06-22) abstract; figure 2 | 1,8,9 |
| A | FUKAYA N ET AL: "IMPROVED ELECTROHOLOGRAPHIC DISPLAY USING LIQUID CRYSTAL DEVICES TO SHORTEN THE VIEWING DISTANCE WITH BOTH-EYE OBSERVATION" OPTICAL ENGINEERING, SOC. OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS. BELLINGHAM, US, vol. 35, no. 6, June 1996 (1996-06), pages 1545-1549, XP000630861 ISSN: 0091-3286 paragraphs '0003!, '0004! | 1,8,9 |
| A | SATO K.: "Characteristics of kinoform by LCD and application to display the animated color 3D image" PRACTICAL HOLOGRAPHY VIII 7-9 FEB 1994 SAN JOSE, CA, USA, vol. 2176, 1994, pages 42-49, XP002336940 the whole document | 1,8 |

INTERNATIONAL SEARCH REPORT

PCT/GB2004/005255

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------------|
| EP 0450644 | A | 09-10-1991 | JP 3289692 A 19-12-1991 |
| | | | DE 69103310 D1 15-09-1994 |
| | | | DE 69103310 T2 02-03-1995 |
| | | | EP 0450644 A2 09-10-1991 |
| | | | US 5317435 A 31-05-1994 |
| | | | US 5225920 A 06-07-1993 |
| US 5914802 | A | 22-06-1999 | NONE |